

ORBIT OF THE SPECTROSCOPIC BINARY BOSS 3138

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MEASURES OF BOSS 3138

λ	7523		7551		7565		7572		7586		7595		7608	
	Vel.	Wt.	Vel.	Wt.	Vel.	Wt.	Vel.	Wt.	Vel.	Wt.	Vel.	Wt.	Vel.	Wt.
4484.400			+118.70	$\frac{1}{4}$										
4471.676	-70.00	$\frac{1}{4}$	+108.20	$\frac{1}{4}$			+60.95	$\frac{1}{4}$	-130.20	$\frac{1}{4}$	-99.10	$\frac{1}{4}$	+68.35	$\frac{1}{4}$
4388.100					+20.49	$\frac{1}{4}$					-124.40	$\frac{1}{4}$	+98.00	$\frac{1}{4}$
4340.634	-10.50	$\frac{1}{4}$	+83.30	$\frac{1}{4}$	+34.83	$\frac{1}{4}$	+85.90	$\frac{1}{4}$	-129.80	$\frac{1}{4}$	-110.60	$\frac{1}{4}$	+68.68	$\frac{1}{4}$
4271.760					+30.72	$\frac{1}{4}$							+117.70	$\frac{1}{4}$
4143.928											-86.00	$\frac{1}{4}$		
4101.890							+146.40	$\frac{1}{4}$	-108.10	$\frac{1}{4}$	-121.30	$\frac{1}{4}$	+80.25	$\frac{1}{4}$
4026.352			+116.10	$\frac{1}{4}$	+38.35	$\frac{1}{4}$	+64.80	$\frac{1}{4}$			-104.30	$\frac{1}{4}$		
Weighted mean	-55.25		+106.58		+31.85		+89.51		-122.70		-107.13		+86.60	
V_a	+15.68		+5.23		+2.80		+2.31		-1.09		-2.55		-6.36	
V_d	+ .02		$\pm$.00		- .01		+ .04		+ .02		+ .02		$\pm$.00	
Curv.	- .28		- .28		- .28		- .28		- .28		- .28		- .28	
Radial Velocity	-39.8		+111.5		+34.4		+91.6		-124.0		-109.9		+80.0	